

# California Statewide Needs Assessment Local Transportation System

December 16, 2013



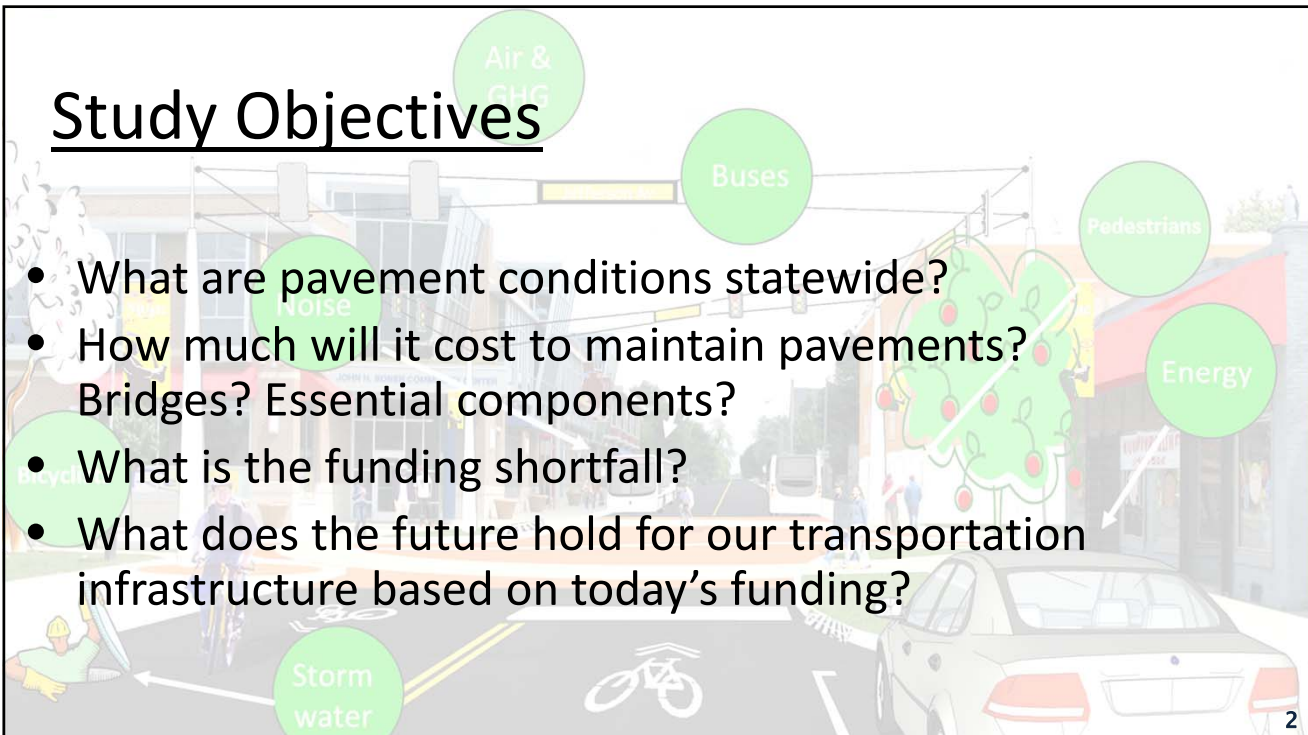
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## Study Objectives

- What are pavement conditions statewide?
- How much will it cost to maintain pavements?  
Bridges? Essential components?
- What is the funding shortfall?
- What does the future hold for our transportation infrastructure based on today's funding?



## New Things in 2012 Assessment (3<sup>rd</sup> Edition)

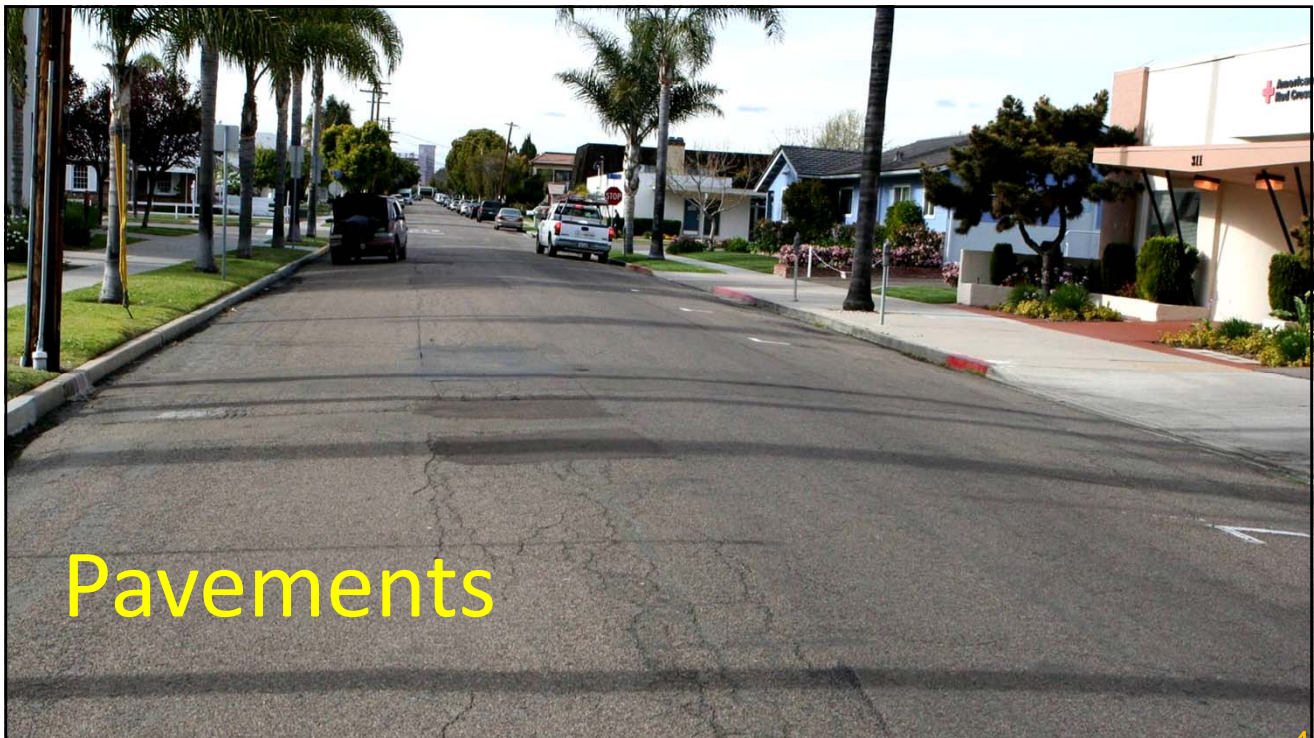
- Sustainable practices
- Complete streets
- Bridge scenarios



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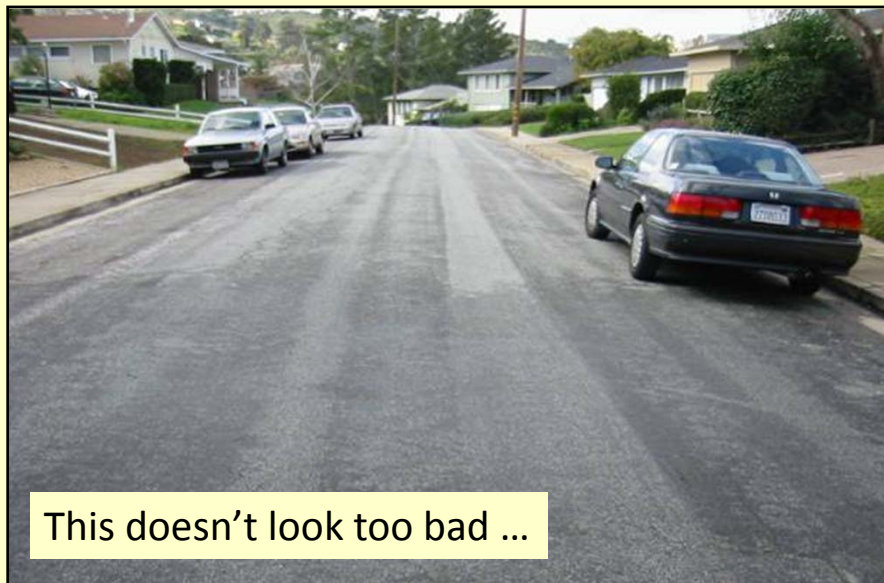


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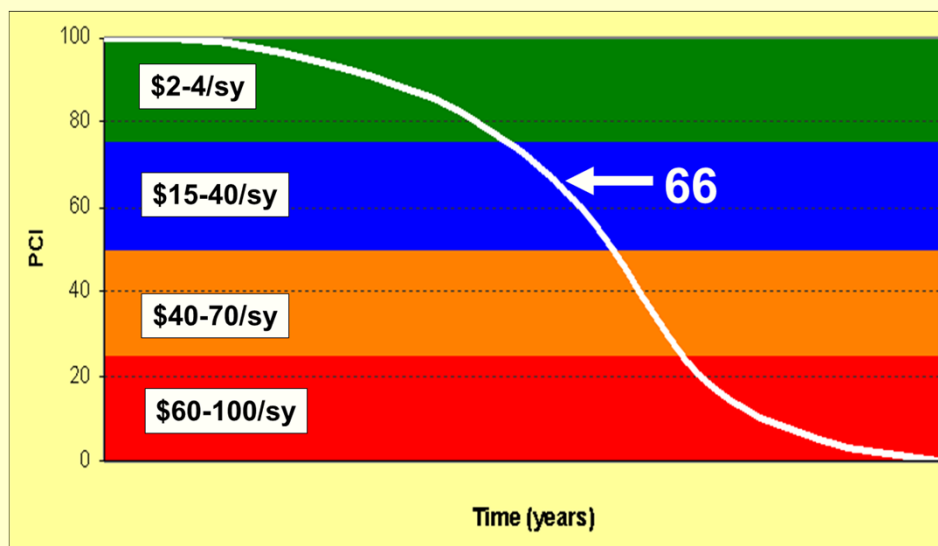
Pavements

## Statewide Average PCI = 66



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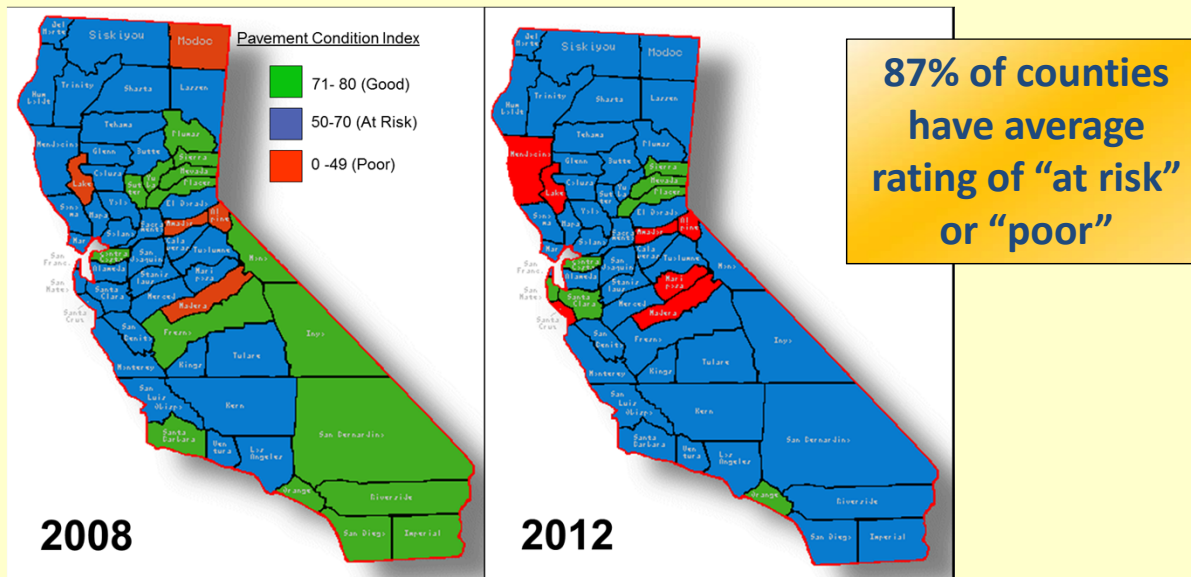
## So Why is 66 Critical?



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## Statewide Trends



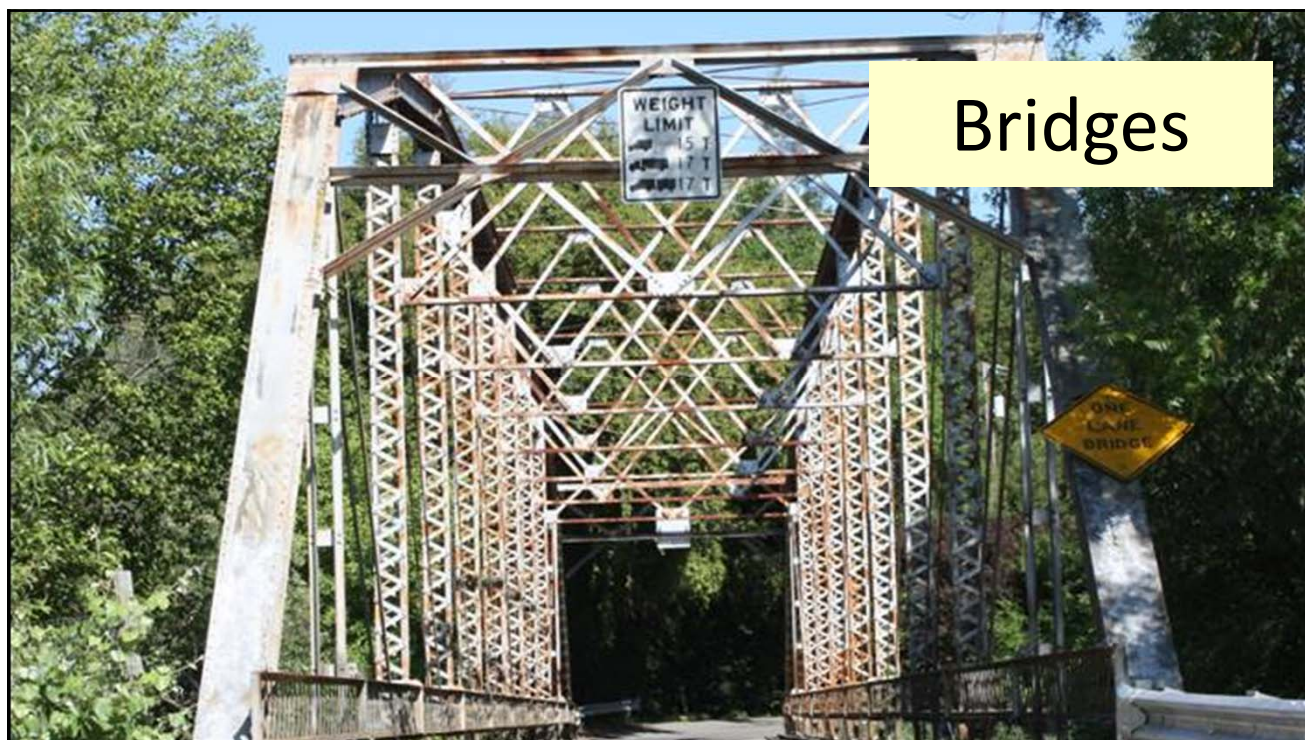
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## Sustainable Practices

Recycling technologies		Savings		Add'l Cost
RAP	66	28		
CIR	40			70
Warm Mix				23%
Porous		5		156%
		16	5	-30%
	133	12	46	18%
Preservation	145	33	18	-36%

**If just 50% of eligible projects use recycled materials, we can save \$8.8 billion!**

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## Bridges

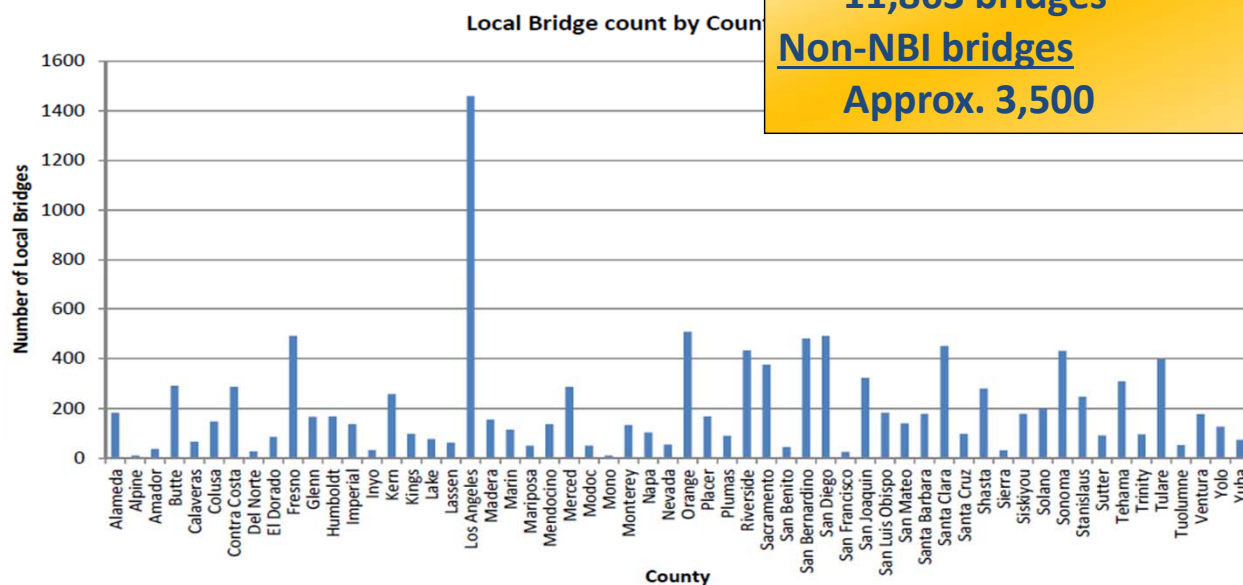
## Who Owns Bridges?

National Bridge Inventory

**11,863 bridges**

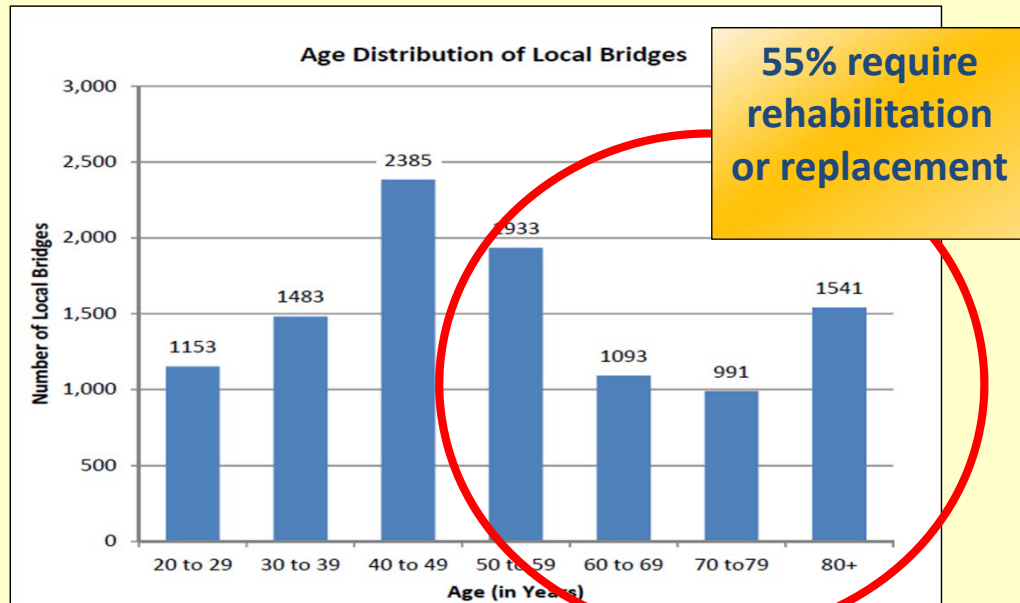
Non-NBI bridges

**Approx. 3,500**



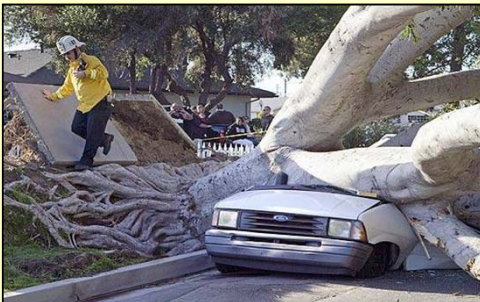
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## Bridges Are Getting Old



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## It's Not Just Roads and Bridges



- Sidewalks
- Curb ramps
- Curb & gutter
- Storm drains
- Street lights
- Signs
- Retaining walls



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## Total Transportation Needs

Transportation Asset	10 Years (\$B)		
	Needs	Funding	Shortfall
Pavement	\$ 72.4	\$ 13.3	\$ (59.1)
Essential Components	\$ 30.5	\$ 8.7	\$ (21.8)
Bridges	\$ 4.3	\$ 3.0	\$ (1.3)
<b>Totals</b>	<b>\$ 107.2</b>	<b>\$ 25.1</b>	<b>\$ (82.1)</b>

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56 cents/gal  
 or  
 76 cents/day!

How bad will the local  
 transportation system get?



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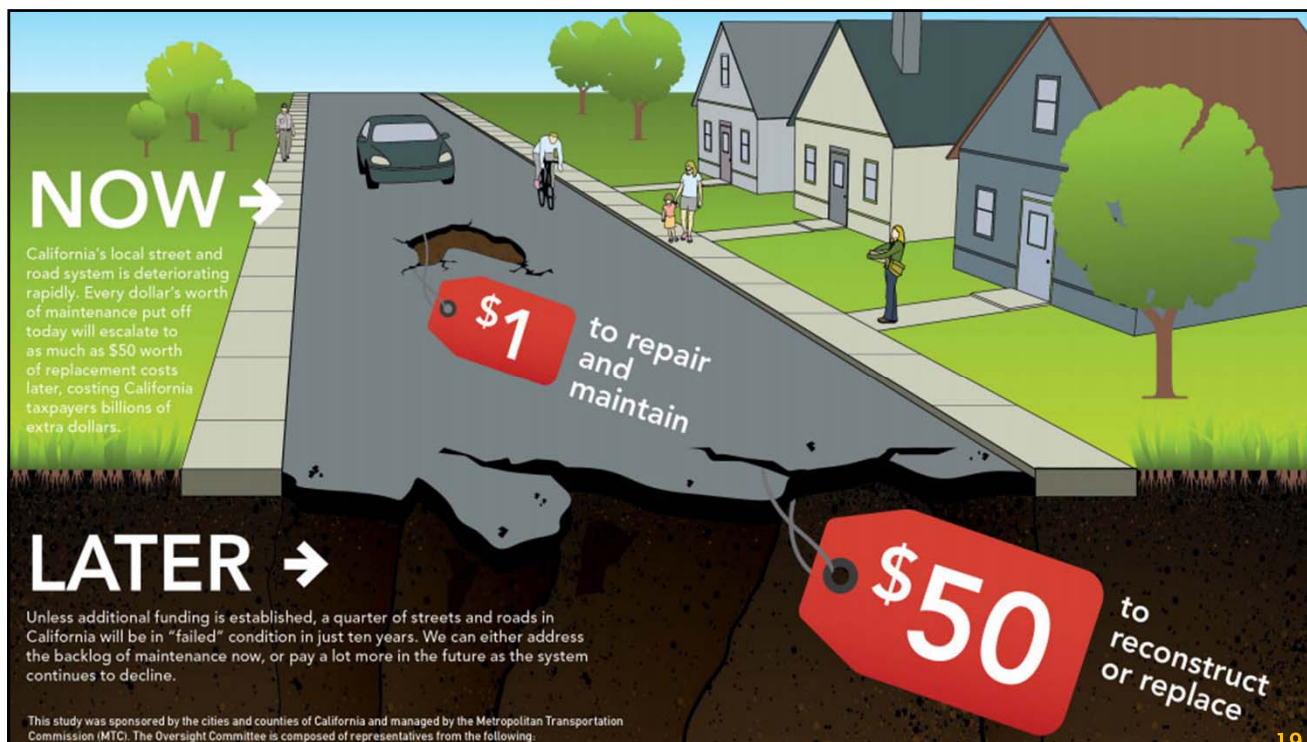
## Conclusions


- Transportation system is not great and it's not getting better
  - 25% of roads will be failed in 10 years
  - 38% of bridges will be structurally deficient
- Additional funding required to hold infrastructure together
- Deferring repairs will cost *much more* later!


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